FLIGHT

First Aero Weekly in the World.

A Journal devoted to the Interests, Practice, and Progress of Aerial Locomotion and Transport.

OFFICIAL ORGAN OF THE ROYAL AERO CLUB OF THE UNITED KINGDOM.

No. 103. (No. 48, Vol. II.)] NOVEMBER 26, 1910. [Registered at the G.P.O. as a Newspaper.] [Weekly, Price 1d. Post Free, 1½d.

FLYING IN THE FACE OF THE SETTING SUN.—A "[illegible] setting," by Mr. William [illegible], is of Mr. Frank K. McClean and his Short biplane at the Royal Aero Club's ground, Eastchurch. This picture is a fine example of a [illegible] photograph, and was secured by the [illegible] on the evening of November [illegible] just before sunset. It was on this machine that Mr. McClean has recently been making his long cross-country flights.

PRACTICAL VALUE OF THE AEROPLANE.

[illegible]

FLIGHT PIONEERS.

MR. W. E. MCARDLE.

SPEED-ALARMS FOR FLYERS.

SOME MORE COMPETITIVE DESIGNS FOR OUR £5 PRIZE.

[illegible]

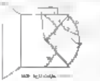
[illegible]

[illegible]

[illegible]

[illegible]

[illegible]



[illegible]

* * *

DURALUMIN

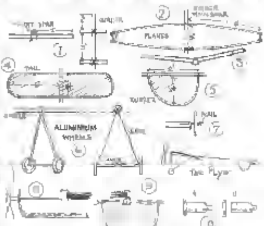
THE NEW [illegible] AND [illegible] LIGHT AND STRONG ALLOY

[illegible]

A HOME-MADE MODEL FOR HALF-A-CROWN.

By T. [illegible] GARROD

[illegible]



[illegible]

Developments With the [illegible] Engine

Since the [illegible]

[illegible] engine, in flight [illegible] Wiener Neustadt. The [illegible] which the German Government have ordered twenty copies.

FROM THE BRITISH FLYING GROUNDS.

Royal Aero Club Grounds, Eastchurch.

[illegible]

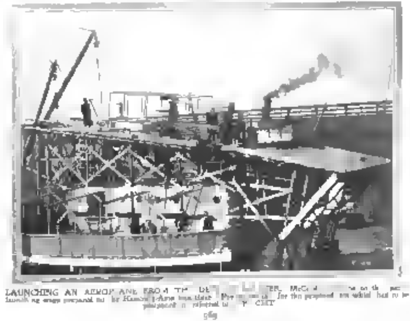
Sunday was [illegible] day of wind and [illegible]

On Monday [illegible]

[illegible]

Brooklands Aerodrome.

[illegible]



LAUNCHING AN AEROPLANE FROM THE DE[illegible] McC[illegible] on the [illegible] launching stage prepared [illegible] Hampshire [illegible] for the purpose [illegible] which had to be postponed [illegible] "FLIGHT"

[illegible]

[illegible] Aerodrome [illegible]

[illegible]

The London Aerodrome

[illegible]

Salisbury Plain

[illegible]

The Royal Aero Club of the United Kingdom

OFFICIAL NOTICES TO MEMBERS

Committee Meeting.

A meeting of the Committee was held on [illegible] when there were present [illegible] in the Chair, [illegible] Prof. A. K. Huntington, [illegible] Secretary.

New Members.—The following [illegible] were elected:— [illegible]

Aviators' Certificates.—The following [illegible] were granted:— [illegible]

Aeronauts' Certificate. [illegible]

Official Representative in South Africa. [illegible]

Gordon-Bennett Aviation Cup. [illegible]

[illegible] White Star Line [illegible]

Signed [illegible]

[illegible] £4,000 Prize.

[illegible]

British Empire Michelin Cup.

Prize (£500 in cash, with Replica of Trophy.)

[illegible]

Rolls Memorial Fund.

[illegible] "Rolls Memorial Library" [illegible]

[illegible]

[illegible] Royal Aero Club [illegible]

Flights Over Towns.

[illegible]

Flights Over Towns.

[illegible]

HAROLD E. PERRIN,
Secretary.

* * *

PROGRESS OF FLIGHT ABOUT THE COUNTRY.

[illegible]

Aeroplane [illegible]

[illegible]

A Model Aero Club [illegible]

[illegible]

[illegible]

[illegible]

Cressex, Kingston-on-Thames. This [illegible] prize being awarded for the best [illegible] the year in matters relating to aviation. [illegible] description and a working model [illegible] Mr. [illegible] method of [illegible] type of landing chassis [illegible] These [illegible] triangular frame [illegible] model glider.

After the [illegible] model aeroplane [illegible] Crawford [illegible] flight [illegible] of the [illegible] performance of the [illegible]

Bain Lyndhurst College Aer. Research Soc. [illegible]

This [illegible] "The Early [illegible]" [illegible] December [illegible]

tography [illegible] will repeat his lecture on "Aerial Photography." [illegible] are also being arranged for next year [illegible] proposed to hold a model competition [illegible] Aeronautical Camp [illegible] during next summer.

Manchester Aero Model Society [illegible]

The members of the above society held an exhibition of models [illegible] workshop on November [illegible] there being a large attendance of members, and the number of models shown greater than expected. [illegible] members were [illegible]

The [illegible] a model flying machine [illegible] Mr. [illegible] model for the best [illegible] a very handsome model of the [illegible] the prize for the best [illegible] propeller was taken by Mr. [illegible] and the prize for the [illegible] Mr. [illegible] Taylor [illegible]

[illegible]

Westcliff and Southend Aero Club

A [illegible] has just been formed [illegible] during the [illegible]

SOME WELL-MADE MODEL PROPELLERS.

[illegible] propellers [illegible] They [illegible] high-class model work. The [illegible] walnut. [illegible]

[illegible]

BALL THRUSTS FOR MODELS.

[illegible] model [illegible]

The Bowden Spring Motor with [illegible] ball thrust.

A substantial ball thrust by Hall and Co.

[illegible]

⁂

BALLAD.

(From [illegible] Aeroplane.)

N[illegible] have heard my name
Making plane [illegible] and [illegible]
And [illegible] in the [illegible]
[illegible]
[illegible]
[illegible]
And [illegible]
My [illegible] Lady Aeroplane.

[illegible]
And her propeller's perfect [illegible]
[illegible]
Her engine [illegible]
[illegible]
[illegible]
And [illegible]
[illegible] Aeroplane.

[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible] Lady Aeroplane.

Envoi

(for the [illegible])

[illegible]
[illegible]
[illegible]
[illegible] Lady Aeroplane.

[illegible]

BRITISH NOTES OF THE WEEK.

Another British Military Pilot.

Prominent among the [illegible] work by the Royal Aero Club [illegible] Capt. J. [illegible] R.A. [illegible] on the Salisbury flying ground [illegible] Capt. [illegible] plane, [illegible] last Saturday [illegible] machines [illegible] Mr. [illegible] supplying the necessary [illegible]

A Lecture at Manchester.

[illegible] a new aeroplane [illegible] the public [illegible] experiments [illegible]

Cross-Channel Flights for Next Year.

ALTHOUGH the [illegible] Channel [illegible] between England and France [illegible] being considered by the [illegible] and the Daily [illegible] in connection with the [illegible] of the [illegible]

To [illegible] Colonial Trade.

[illegible] the [illegible] to the [illegible] and New [illegible] Mr. [illegible]

[illegible]

Miss M. Hewitt [illegible] Humber monoplane [illegible] Bournemouth.

Hendon, Ltd., and Aeronautics.

[illegible] development of [illegible] the Colony [illegible] has been [illegible]

HOW AN AEROPLANE ARRIVES AT AN AERO[illegible] Mr. Grahame-White [illegible] of his manufacturing staff, [illegible]

FOREIGN AVIATION NEWS.

[illegible]

After the World's [illegible] Records.

[illegible]

A Youthful Brevet Pilot.

[illegible]

"Tour de France" by Aeroplane.

[illegible]

At the Tellier School, Étampes.

[illegible]

A Blériot Over Paris.

[illegible]

[illegible]

[illegible]

[illegible] Qualifies for Her Certificate.

[illegible]

Pierre Marie [illegible] the T[illegible] School.

[illegible]

From [illegible] to Étampes.

[illegible]

New World's Records Registered.

[illegible]

[illegible] Prix.

[illegible]

Mr. G. W. H[illegible] [illegible] place at Nagyvarad, Hungary. He was particularly [illegible] the Budapest Meeting.

A.C.F. Grand Prix.

[illegible] Grand Prix [illegible] Aéro-Club de France [illegible]

Aviator [illegible] His Brevet.

[illegible]

From Belgium to England by Aeroplane.

[illegible]

A New Aerodrome in Belgium.

[illegible]

A Belgian Military [illegible]

[illegible]

A German National Meeting.

[illegible]

Flying Instruction for German Army.

[illegible]

Flying in the [illegible]

[illegible]

Italian [illegible] for Next Year.

[illegible]

Italian Passenger Record.

[illegible]

The Dufaux Brothers Honoured.

[illegible]

The First Aviator in [illegible]

[illegible]

A Flying Circus.

[illegible]

[illegible] writes, in sending us this photograph: "[illegible] whether the machine is coming or going by the [illegible] the higher wing."

THE PROBLEM OF THE HELICOPTER.

[illegible] article, [illegible] may be [illegible]:—

For a given load [illegible] diameter will [illegible]

[illegible]

For a given [illegible] resistance will give the [illegible] efficiency

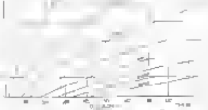
[illegible] that

[illegible]

FORMULÆ FOR HELICOPTERS AND THE STATIC THRUST OF SCREWS.

(From "Flight Manual," [illegible])

[illegible]



[illegible]

◆ ◆ ◆

AIRSHIP AND BALLOON NEWS.

THE VOYAGE OF [illegible] FROM [illegible] [illegible]

Without [illegible]

[illegible]

Gordon Bennett Balloon Race.

[illegible]

[illegible]

◆ ◆ ◆ ◆

Aero Club of America's New Officers.

[illegible]

The Gordon Bennett [illegible]

[illegible]

CORRESPONDENCE.

[illegible]

Correspondents communicating with regard to letters which they have sent to FLIGHT, would much facilitate ready reference by quoting the number of each such letter. [illegible]

CLASSIFICATION OF AEROPLANES.

[illegible]

VERTICAL [illegible] CONTROLS.

[illegible]

CYCLOPLANE.

[illegible]

TWO-STROKE ROTARY ENGINE.

[illegible]

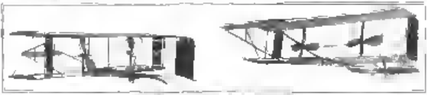
THE C.E. BIPLANE.

[illegible]

[illegible]

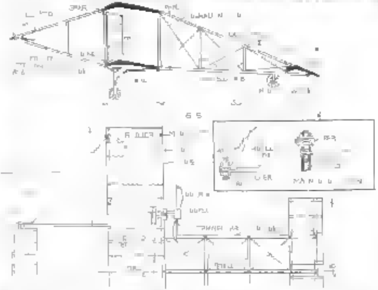
THE NEALE CONTROL

[illegible]



Ph[illegible] [illegible] Mr. [illegible] model.

[illegible]



Drawings of Mr. [illegible] model.

[illegible]

[illegible]

[illegible]

[illegible]

CAN WE FLY FASTER?

[illegible] Mr. Le Maler [illegible] and [illegible] [illegible] surface and [illegible] advantages [illegible] aeroplane [illegible] flight.

[illegible]

[illegible]

AERIAL & MARINE PROPELLERS.

[illegible] With reference to letter [illegible]

[illegible]

MODELS

AERO CLUB FOR SHEFFIELD

[illegible] Sheffield [illegible]

MODEL FARMAN.

[illegible]

[illegible]

MODEL DEMOISELLE

[illegible]

[illegible]

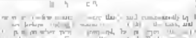
F. HARE [illegible]

AUTOMATIC TAIL ADJUSTMENT

[illegible] Mr. A. W. Lambourne, [illegible] gliding [illegible]

I used the arrangement shown diagrammatically in the figure, [illegible]

[illegible]



[illegible]

[illegible]

Would [illegible] [illegible]

MODEL CLUB FOR HANWELL.

[illegible]

[illegible]

[illegible] R. K. [illegible]

Hanwell, Middlesex.

TWIN-SCREW MODELS.

[illegible]

Glasgow. [illegible]

ELASTIC MOTORS.

[illegible] FLIGHT No. [illegible]

[illegible] R. M.

Stewart and Stewart.

MR. NORMAN E. STEWART [illegible]

PUBLICATIONS RECEIVED.

Catalogue.

[illegible]

◆ ◆ ◆ ◆

RECORDS.

Distance and Duration. [illegible]

Speed. [illegible]

Altitude. [illegible]

◆ ◆ ◆ ◆

Aeronautical Patents Published.

Applied for in [illegible]

[illegible]

Applied for in [illegible]

[illegible]

BACK NUMBERS OF FLIGHT.

[illegible]

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